

ANNUAL REPORTS

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of the

MEDICAL OFFICER of HEALTH

and of the

SANITARY INSPECTOR

to the

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KINGSWOOD

URBAN DISTRICT COUNCIL

for the

Year 1907.

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ANNUAL REPORT  
of the  
MEDICAL OFFICER of HEALTH  
to the  
KINGSWOOD URBAN DISTRICT COUNCIL  
of the SANITARY STATE of the DISTRICT under their CONTROL,  
for the YEAR 1907.

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Gentlemen,

I have the honour of submitting to you my Annual Report on the Sanitary condition and health of the Kingswood Urban District.

General  
Health.

During the year the health of the District has been good. In July we suffered from a slight outbreak of Scarlet Fever which necessitated the closing of the Hanham Wesleyan Schools one week before the holidays. This is the only outbreak we have had during the year though there have been sporadic cases most months.

There has been little or no Autumnal Diarrhœa as in previous years, but in spite of these favorable facts I feel very strongly the advisability of introducing ventilating shafts to our already drained district, also the continuous flushing of the Sewers especially during the dry season, as at that time the smells arising from the perforated manholes in the centre of the roads are very obnoxious and are injurious to the health of the District.

At this time when so much attention is being drawn



to the School children owing to the proposed Medical Examination in schools I have been very forcibly struck, in my own district especially, during the last few years by the undersized and very often ill-nourished appearance of the boys, many of whom come to me on leaving school for examination under the Factory Act. No decision in this County has been yet arrived at regarding the Medical Inspection of children in schools.

The occupation of the Inhabitants has not altered; no fresh industry has been introduced into the District.

Sewerage  
and  
Drainage.

In September last an Inquiry was held by the Local Government Board as it was desired to complete the sewerage and drainage scheme for the Warmley portion of the district, for which it was necessary to borrow the sum of £10,000. There were objections from owners of property in Deanery Road whose houses would not be included in the scheme. This scheme did not meet with the approval of the Local Government Board, but a deputation waited on the Local Government Board later on and were advised to include Deanery Road, which was agreed to, but up to the end of the year nothing definite was arrived at. In this scheme the outfall works were to be situated outside the District in Warmley Rural area, about one quarter of a mile from the border. I trust that this scheme will be carried out without delay as it is urgently needed.

Refuse  
Disposal.

No change has taken place in the arrangements for the removal of house refuse.

Water.

The water supplied to the District by the West





Gloucester Water Company has been good and sufficient at all times and we have not been troubled with any discoloration.

Twenty-one fresh connections have been made during the year.

Housing  
and Over-  
crowding.

27 new houses have been built under the careful supervision of the Sanitary Inspector. This is an increase of 18 over the previous year.

5 Cases of overcrowding were investigated and dealt with in a satisfactory manner.

Factories,  
Bakehouses  
Dairies &  
Slaughter-  
houses.

All these have been inspected during the year and are in a fairly satisfactory condition.

Food.

No sample of food has been submitted for Analysis.

Mortality.

The total number of deaths from all causes in the District during the year was 133, or a corrected number including deaths in Public Institutions outside the District who were residents in the District was 142; this estimating our population at 13,161 gives a death rate of 10 per 1000, or a corrected death rate of 10.7 per 1000, and an average of 12.9 per 1000 during the past 10 years.

Births.

The total number of births during the year was 325, which gives a birth rate of 24.6 per 1000, and an average during the past 10 years of 29.9 per 1000. This is a decided decrease and the lowest birth-rate we have had for some years. I find other districts are in a similar condition.





The number of births over deaths was 183.

Infantile  
Mortality.

The mortality of infants under one year number 40 and the rate is 123.0 per 1000 births registered; this is about the same average as it has been for the past 10 years. I am pleased to say that during the latter 5 years there has been a marked improvement - 10 out of the 40 Infants died under one week, 15 in the first month and premature birth accounted for one-fifth of the total. Ours being mainly a working population we cannot expect our infantile mortality to be as low as a District like Clifton where the inhabitants if they do not feed their infants themselves can afford the best substitutes. It is greatly to be desired that more Mothers should feed their infants themselves as it is most difficult with the small amount of money and time at their disposal to provide a satisfactory artificial food.

Zymotic  
Diseases  
requiring  
Notifica-  
tion.

The number of these cases was 51, which is comprised of Scarlet Fever 31, Diphtheria 11, Erysipelas 7, Puerperal Fever 2. Four out of this number proved fatal, namely 2 Puerperal Fever, 2 Diphtheria.

During the first half of the year 15 cases were notified; 36 in the second half.

Scarlet  
Fever.

The cases reported numbered 31, they were all of a mild type and none ended fatally.

In July there were 9 cases reported, 8 of which attended the Hanham Wesleyan Schools, and, though only one week before the holidays, I considered it advisable to close the schools and the outbreak soon died out.

In September 6 cases occurred, 3 of these arose in one house, the infection having been brought from Wales



where the children had been staying.

Infectious Throats.            During November there were several cases of bad infectious throats in the High Street Schools. I took several swabs from suspicious cases and kept them under observation and the number soon diminished.

Small Pox.                No case reported.

Cholera.                  No case reported.

Diphtheria.            11 cases of this disease were notified, with the result of 2 deaths, both cases were between the age of 1 and 5 years. 8 out of 11 cases were reported during the last quarter of the year.

Enteric Fever.           I am pleased to state that no case was reported of this disease.

Erysipelas.            7 cases were reported, with no fatal result. Only 3 were recorded last year.

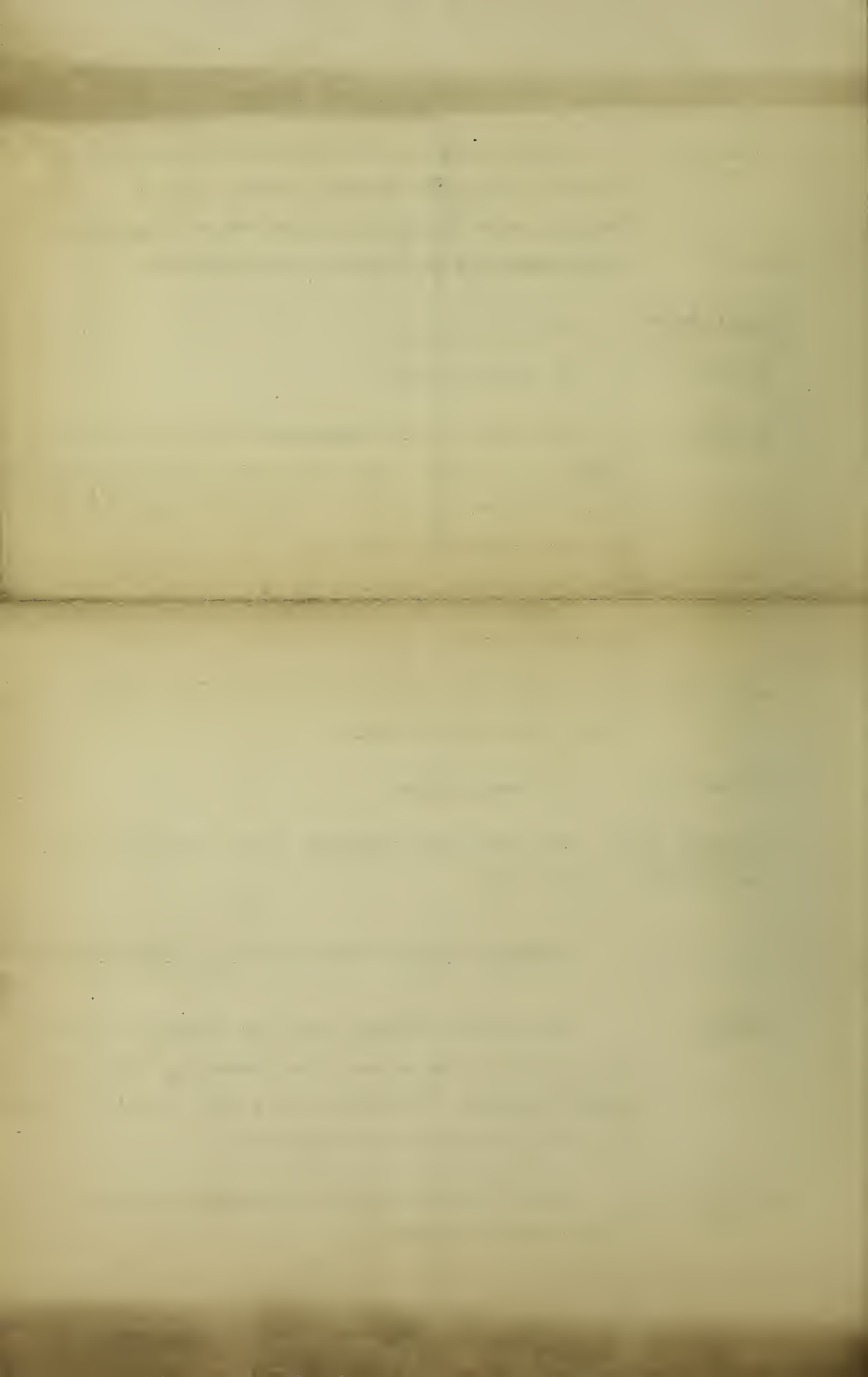
Typhus Fever.           No case reported.

Puerperal Fever or puerperal septicaemia.    Two cases were reported, both I am sorry to say proved fatal.

#### ZYMOTIC DISEASES not requiring NOTIFICATION.

Measles.                We have not suffered from any epidemic of Measles as in previous years, and I am pleased to state that no death occurred. We seldom get a year in which we have had such freedom from this disease.

Whooping Cough.           This disease caused one death and this was an infant under one year.





Chicken Pox.            There were many cases of this disease during the last quarter of the year.

Influenza.            2 deaths are reported - both adults.

Diarrhoea  
and  
Dysentery.            We have not had any amount of Autumnal Diarrhoea from which so many children usually suffer.

One death is recorded, and this is an elderly person over 65 years.

Rheumatic  
Fever.            One death is reported from this disease.

Phthisis.            Nine deaths reported from this disease. Exactly the same as the previous year.

Other  
Tubercular  
Diseases.            One death recorded under this head.

Cancer.            3 deaths, all over 25 years of age.

Bronchitis.            18 deaths occurred from this disease, nearly half of these were elderly persons over 65 years.

Only 8 cases were recorded last year.

Pneumonia.            17 deaths were recorded against 14 the previous year.

12 out of 17 cases were children under 5 years of age.

Pleurisy.            No death recorded.

Other diseases  
of the Respi-  
ratory organs.            The deaths numbered 3.

Alcoholism &  
Cirrhosis  
of Liver.            This disease caused one death.





Cardiac  
Disease.

Under this head 12 deaths are recorded, all over  
25 years of age.

15 deaths were recorded for last year.

Premature  
Birth.

Accounted for 18 deaths.

Apoplexy.

6 deaths all over 25 years of age.

I append the various Statistical Forms.

I beg to remain, Gentlemen,

Your obedient Servant,

C. J. PERROTT.



ANNUAL REPORT of the MEDICAL OFFICER of HEALTH for the year 1907,  
for the Urban District of Kingswood, on the administration of  
the Factory and Workshop Act 1901, in connection with  
FACTORIES, WORKSHOPS, LAUNDRIES, WORKPLACES and HOMEWORK.

1. INSPECTION.

Including Inspections made by Sanitary Inspectors or Inspectors of Nuisances.

Premises.	Number of		
	Inspections	Written Notices	Prosecutions
FACTORIES (Including Factory Laundries)	35	27	-
WORKSHOPS (Including Workshop Laundries)	402	22	-
WORKPLACES (Other than Outworkers' premises included in Part 3 of this Report)	-	-	-
Total	437	49	-

2. DEFECTS FOUND.

Particulars.	Number of Defects.			Number of Prosecutions
	Found	Remedied	Referred to H.M. Inspector	
Nuisances under the Public Health Acts :-				
Want of cleanliness	27	27	-	-
Want of ventilation	16	16	-	-
Overcrowding	2	2	-	-
Want of drainage of floors	-	-	-	-
Other nuisances	-	-	-	-
Sanitary accommo- (insufficient	1	1	-	-
dation (unsuitable or				
(defective	25	25	-	-
(not separate				
(for sexes	1	1	-	-
Offences under the Factory and Workshop Act :-				
Illegal occupation of underground bakehouse (s. 101)	-	-	-	-
Breach of special sanitary requirements for bakehouses (ss. 97 to 100)	-	-	-	-
Other offences				
(Excluding offences relating to outwork which are included in Part 3 of this Report)	-	-	-	-
Total	72	72	nil	nil



### 3. HOME WORK.

Nature of Work.	Outworkers' Lists, Section 107.				
	Lists received from Employers.		Numbers of Ad-dresses of Out-workers received from other Councils	Numbers of Ad-dresses of Out-workers forward-ed to other Councils	Number of In-spections of Out-workers' premises.
	Twice in the year.				
	Lists.	Outworkers.			
<u>Wearing Apparel.</u> Making etc.	60	3,547	17	24	726

### 4. REGISTERED WORKSHOPS.

Workshops on the Register (s. 131) at the end of the year.	Number.
402	402

### 5. OTHER MATTERS.

Class.	Number.
Action taken in matters referred by H.M. Inspector as remediable under the Public Health Acts, but not under the Factory and Workshop Act (s.5)	10
(Notified by H.M. Inspector Reports (of action taken) sent to H.M. Inspector	3

March 1st, 1908.

C. J. PERROTT,  
Medical Officer of  
Health.





FORM which Medical Officers of Health in the County of Gloucester are requested by the Sanitary Committee of the County Council to fill up for attachment to Annual Reports.

TABLE C.

KINGSWOOD URBAN SANITARY DISTRICT,  
March 1st, 1908.

Medical Officer of Health : Dr. C. J. Perrott.

Sanitary Inspector : A. H. Brain, A.R.S.I.

1. HOUSING.

(a)	Number of Plans submitted	63
(b)	" Houses built	27
(c)	" Water Certificates under Sec. 6 Public Health (Water) Act, 1878	-
(d)	Number of Houses cleansed under Sec. 46, Public Health Act, 1875	3
(e)	Number of Houses closed under Sec. 32, Housing of Working Classes Act 1890	-
(f)	Number of Houses placed in habitable repair	3
(g)	Number of houses demolished	-
(h)	Number of cases of overcrowding abated	5

2. SEWERAGE & DRAINAGE.

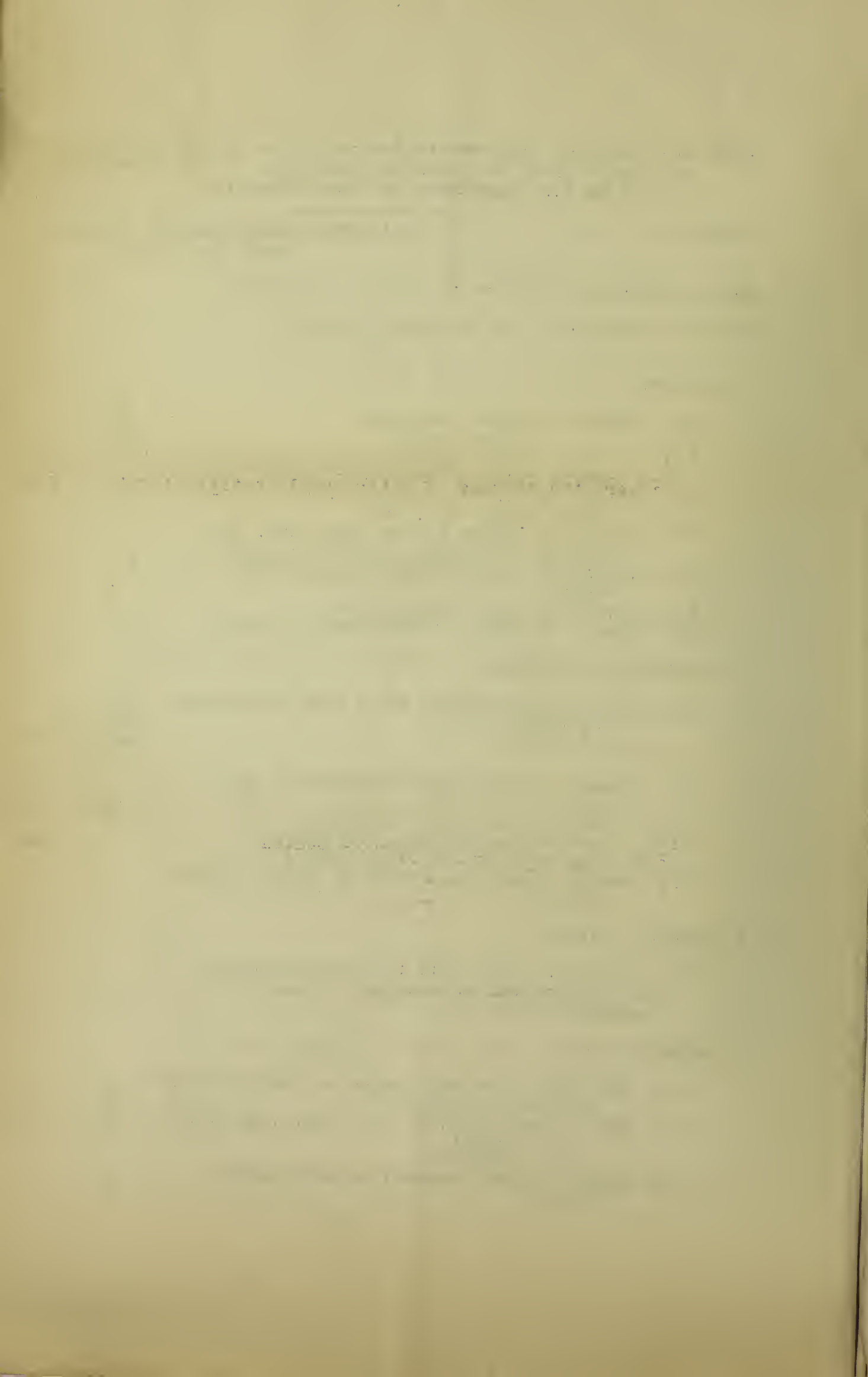
(a)	Has any application for a Loan been made?	Yes.
	(1) Amount	£13,000
	(2) Purpose	Sewage Pur- poses.
(b)	Number of Houses newly connected with sewers	103
(c)	" W.C.'s supplied with water	150
(d)	" Earth Closets, Pail Closets or } Improved Privies constructed }	4
(e)	Number of notices served to empty "Privy Vaults"	10

3. REFUSE DISPOSAL.

Has any change been made in the arrangements for the removal or disposal of house refuse?	No.
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4. WATER SUPPLY.

(a)	Has there been any change in the existing sources of supply?	No.
(b)	Has any application for a Loan been made?	No.
	(1) Amount	-
	(2) Purpose	-
(c)	Number of new connections with public supply?	21



(d) Number of wells sunk, or improved sources of supply provided	-
(e) Number of wells closed	-
(f) Number of samples taken for examination	2

5. NUMBERS INSPECTED of each of the following :-

(a) Common Lodging Houses	-
(b) Slaughter Houses	130
(c) Bakehouses	50
(d) Dairies, Cowsheds, Milkshops	32
(e) Canal Boats	-
(f) Workshops	402
(g) Residence of out-workers	726

6. ELEMENTARY SCHOOLS.

(a) Number in District	4
(b) Number of insanitary conditions dealt with	1
(c) Are the sources of water supply satisfactory?	Yes.

7. INFECTIOUS DISEASES.

(a) Number of cases visited and reported on	52
(b) Number of houses disinfected	52

8. ISOLATION HOSPITAL ACCOMMODATION.

Has any change in the existing conditions been made?	No.
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If yes, what changes?

9. GENERAL.

(a) Number of complaints received	107
(b) Total number of nuisances reported	129
(c) Number of swine nuisances reported	3
(d) Total number of nuisances abated	129
(e) Total number of notices served	67
(f) Total number of statutory notices served	3
(g) Total number of summonses taken out	1
(h) Total number of convictions	1

10. BYE-LAWS.

Have any changes in, or additions to, the Bye-Laws been made?	No.
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11. CHIEF SANITARY REQUIREMENTS of THE DISTRICT.

(1) Steam Dis-	} Badly required.
infector	
(2) Infectious Hospital	

12. ANY SUGGESTIONS of the MEDICAL OFFICER of HEALTH.

Public Urinal.





# SUMMARY of VITAL STATISTICS.

POPULATION of DISTRICT ESTIMATED to middle of 1907 - 13,161

	No.	Rate per 1,000	Deaths (Contd.)	No.	Rate per 1,000
Births	325	24.6	Measles	-	-
Deaths	133	10.0	Whooping Cough	1	.07
Do. under 1	40 (b)	123.0	Diarrhœa(e)	1	.07
Smallpox	-	-	Zymotic (a)	6	.45
Scarlet Fever	-	-	Phthisis	9	.68
Diphtheria (in- cluding Mem- branous Group)	2	.15	Cancer, Malignant Disease	3	.22
Fever (d)	2	.15	Enteritis (f)	-	-
			Respiratory Diseases (c)	47	2.81

(a) Includes Small-pox, Measles, Scarlatina, Diphtheria, Whooping Cough, Fever and Diarrhœa.

(b) Estimated by measuring the proportion of deaths of infants under 1 year per 1,000 of the births registered during the same period.

(c) Includes Bronchitis, Pneumonia, Pleurisy.

(d) Includes Typhus, Enteric Fever, and indefinite forms of continued Fevers.

(e) Under the heading of "Diarrhœa" are to be included deaths certified as from diarrhœa alone, or in combination with some other cause of ill-defined nature; and also deaths certified as from :

Epidemic enteritis;  
Zymotic enteritis;  
Epidemic diarrhœa. Summer diarrhœa;  
Dysentery and dysenteric diarrhœa;  
Choleraic diarrhœa, Cholera nostras (in the absence of Asiatic cholera).

(f) Under the heading of "Enteritis" are to be included those certified as from Gastro-enteritis, Muco-enteritis, and Gastric catarrh, unless from information obtained by enquiry from the certifying practitioner or otherwise, the Medical Officer of Health should have reason for including such deaths, especially those of infants, under the specific term of "Diarrhœa".

Deaths from diarrhœa secondary to some other well-defined disease should be included under the latter.

(Signed) C. J. PERROTT,  
Medical Officer of Health  
for the District of Kingswood.

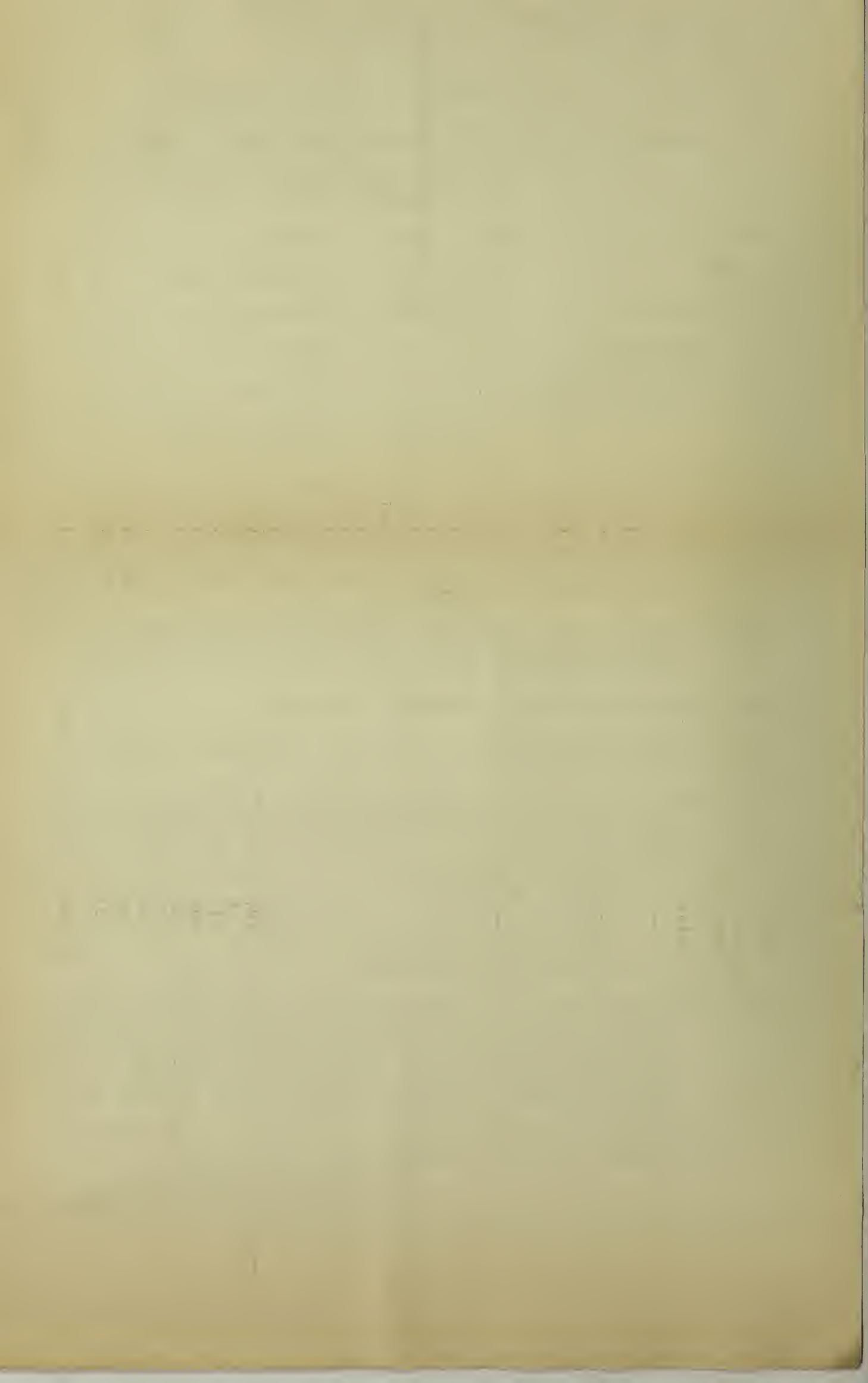




TABLE I.

VITAL STATISTICS OF WHOLE DISTRICT DURING 1907 and PREVIOUS YEARS.

Year	Population to Middle of each Year.	Births		Total Deaths Registered in the District				Total Deaths in Public Institutions in the District	Deaths of Non-residents registered in Public Institutions in the District	Deaths of Residents registered in Public Institutions beyond the District	Nett Deaths at all ages belonging to the District	
		Number	Rate	Under 1 Year of Age	Rate per 1,000 Births registered	At all Ages	Rate				Number	Rate
1	2	3	4	5	6	7	8	9	10	11	12	13
1897	11,200	343	30.6	48	145.7	138	12.3					
1898	11,400	375	32.9	50	133.3	150	13.1					
1899	11,600	378	32.5	56	148.1	168	14.4					
1900	11,800	388	32.8	50	128.8	181	15.3					
1901	11,961	367	30.6	52	141.7	154	12.8					
1902	12,161	326	26.8	46	141.1	176	14.4					
1903	12,361	384	31.0	34	88.5	166	13.4					
1904	12,561	321	25.5	29	90.3	129	10.2					
1905	12,761	379	29.6	43	113.4	171	13.4					
1906	12,961	356	27.4	34	95.2	138	10.6			5	143	11.0
Averages for years 1897-1906	12,076.6	361.7	29.9	44.2	122.6	157.6	12.9					
1907	13,161	325	24.6	40	123.0	133	10.0	-	-	9	142	10.7

Rates in Columns 4, 8 and 13 calculated per 1,000 of estimated population.

Area of District in acres  
(exclusive of area covered by water)

1,555

Total population at all ages 11,961  
Number of inhabited houses 2,652  
Average number of persons per house 4.5  
At Census of 1901.

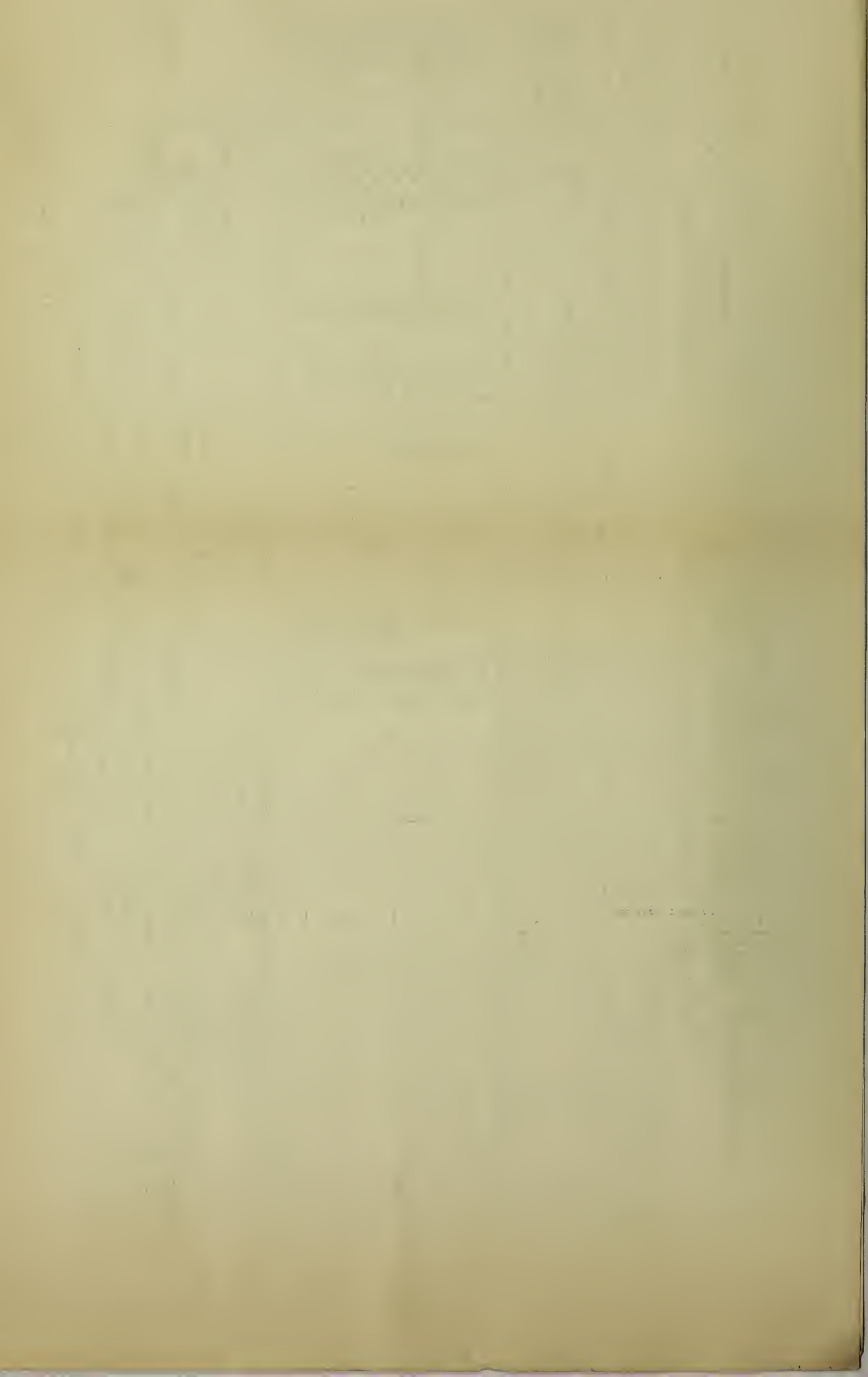


TABLE II.

Year.	Population estimated to middle of each year.	Births Registered.	Deaths at all ages.	Deaths under 1 year.
	a.	b.	c.	d.
1897	11,200	343	138	48
1898	11,400	375	150	50
1899	11,600	378	168	56
1900	11,800	388	181	50
1901	11,961	367	154	52
1902	12,161	326	176	46
1903	12,361	384	166	34
1904	12,561	321	129	29
1905	12,761	379	171	43
1906	12,961	356	143	34
Averages ) of Years ) 1897 to ) 1906. )	12,076.6	361.7	157.6	44.2
1907	13,161	325	142	40

TABLE III.

Cases of Infectious Disease notified during the Year 1907.

Notifiable Disease.	Cases notified in whole District.						
	At all Ages	Under 1	1 to 5	5 to 15	15 to 25	25 to 65	65 and upwards
Small-pox	-	-	-	-	-	-	-
Cholera	-	-	-	-	-	-	-
Diphtheria(includ- ing Membranous Croup)	11	-	4	5	1	1	-
Erysipelas	7	1	-	-	-	5	1
Scarlet Fever	31	-	18	11	-	2	-
Typhus Fever	-	-	-	-	-	-	-
Enteric Fever	-	-	-	-	-	-	-
Relapsing Fever	-	-	-	-	-	-	-
Continued Fever	-	-	-	-	-	-	-
Puerperal Fever	2	-	-	-	2	-	-
Plague	-	-	-	-	-	-	-
Totals	51	1	22	16	3	8	1

Isolation Hospital only for Small-pox cases.





TABLE IV.

Causes of, and Ages at, Death during Year 1907.

Causes of Death	Deaths in whole District at Subjoined Ages.						
	All ages.	Under 1 year.	1 and under 5	5 and under 15.	15 and under 25	25 and under 65.	65 and upwards.
1.	2	3	4	5	6	7	8
Small-pox	-	-	-	-	-	-	-
Measles	-	-	-	-	-	-	-
Scarlet Fever	-	-	-	-	-	-	-
Whooping-cough	1	1	-	-	-	-	-
Diphtheria (including Membranous croup)	2	-	2	-	-	-	-
Group	-	-	-	-	-	-	-
(Typhus	-	-	-	-	-	-	-
Fever (Enteric	-	-	-	-	-	-	-
(Other continued	-	-	-	-	-	-	-
Epidemic Influenza	2	-	-	-	-	2	-
Cholera	-	-	-	-	-	-	-
Plague	-	-	-	-	-	-	-
Diarrhœa	1	-	-	-	-	-	1
Enteritis	-	-	-	-	-	-	-
Puerperal Fever	2	-	-	-	2	-	-
Erysipelas	-	-	-	-	-	-	-
Other septic diseases	1	1	-	-	-	-	-
Phthisis, (Pulmonary Tuberculosis)	9	-	-	-	5	4	-
Other tubercular diseases.	1	-	-	-	-	1	-
Cancer, malignant disease.	3	-	-	-	-	2	1
Bronchitis	18	2	2	1	-	5	8
Pneumonia	17	7	5	-	-	4	1
Pleurisy	-	-	-	-	-	-	-
Other diseases of Respiratory organs	3	-	-	-	-	3	-
Alcoholism	1	-	-	-	-	1	-
Cirrhosis of liver	-	-	-	-	-	-	-
Venereal diseases	-	-	-	-	-	-	-
Premature Birth	8	8	-	-	-	-	-
Diseases and accidents of parturition	2	-	-	-	1	1	-
Heart diseases	12	-	-	-	-	4	8
Accidents	3	1	-	-	-	2	-
Suicides	2	-	-	-	-	2	-
Apoplexy	6	-	-	-	-	2	4
Nephritis	1	-	-	-	-	1	-
Rickets	1	1	-	-	-	-	-
Rheumatic Fever	1	-	-	-	-	1	-
All other causes	45	19	2	1	1	4	18
All causes	142	40	11	2	9	39	41





TABLE V.

INFANTILE MORTALITY DURING THE YEAR 1907.  
Deaths from stated Causes in Weeks and Months under One Year of Age.

Cause of Death.	Under 1 week	1-2 wks	2-3 wks	3-4 wks	Total under 1 month	1-2 mths	2-3 mths	3-4 mths	4-5 mths	5-6 mths	6-7 mths	7-8 mths	8-9 mths	9-10 mths	11-12 mths	Total Deaths under 1 Year
	1 week															
All (Certified Causes)(Uncertified	10	2	2	1	15	3	5	3	1	4	1	3	1	1	3	40
Common Infectious Diseases : Whooping Cough.															1	1
Wasting Diseases : Premature Birth Congenital Defects Atrophy, Debility, ) Marasmus	7 1 2	1	1	1	8 1 5	1	2	1				1				8 2 9
Other Causes :- Rickets Meningitis (not Tuberculous) Convulsions Bronchitis Pneumonia Suffocation, overlying Other Causes			1		1	1	1 1 1	1 1 1	1	1 2 1	1	2	1	1	1	1 1 8 1 1
	10	2	2	1	15	3	5	3	1	4	1	3	1	1	3	40

Population. Estimated to middle of 1907 13,161.

Births in the year (legitimate 325  
(illegitimate nil

Deaths in the year of (legitimate infants 40  
(illegitimate infants nil

Deaths from all Causes at all Ages 135.



## INSPECTOR'S REPORT, 1907.

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Mr. Chairman and Gentlemen,

As the Report (in tabulated form) of the Medical Officer of Health embodies in it almost the whole of the duties referring to my department, it seems almost needless to reiterate the details already put before you so ably.

It is very satisfactory to note, however, that in a somewhat congested area such as Kingswood the death rates are so low, and such a small number of Infectious cases were notified during the past year.

Especially is this so, when one is reminded of such a large number of outworkers, from other districts, receiving work from factories within this district, and also seeing we are so closely adjacent to such a large manufacturing city.

I am pleased to be able to show a falling off in the number of Notices served for the abatement of Nuisances during the past year, and hope in the coming year the number will still be decreased.

I can only account for this decrease by the fact that in my opinion the inhabitants are beginning to realise how essential it is to have Pure Food, Pure Air, and Sanitary Surroundings in order to enjoy healthy and vigorous lives.

I beg to remain, Gentlemen,

Yours respectfully,

ALBERT H. BRAIN, A.R.S.I.



# STATEMENT of WORK done, 1907.

Housing.	1. Number of Plans submitted ... ..	63
	2. Number of Houses built ... ..	27
	3. Number of Houses cleansed under Sec. 46 Public Health Act ... ..	3
	4. Number of houses placed in habitable repair ...	3
	5. Number of cases of overcrowding abated ..	5
Sewer Connection.	6. Number of Houses connected to sewer ... ..	-
	7. Number of improved privies constructed ..	4
	8. Number of Notices served to empty Privy vaults	10
Wells Cleansed.	9. Number of wells cleansed ... ..	3
	10. Number of samples of water taken ..	4
Slaughter Houses.	11. Number of Inspections ... ..	130
	12. Number of Nuisances abated ..	6
Workshops.	13. Number of visits. ... ..	402.
Residence of Outworkers.	14. Number visited ... ..	726
Schools.	15. Number of Insanitary conditions dealt with ...	1
Infectious Disease.	16. Number of Cases visited and reported on .	52
	17. Number of houses disinfected ... ..	63
General.	18. Number of complaints received ... ..	107
	19. Total number of Nuisances reported ... ..	129
	20. Number of Swine Nuisances reported ... ..	3
	21. Number of Nuisances abated ..	129
	22. Number of Notices served ... ..	67
	23. Number of Statutory Notices served ... ..	3
	24. Number of Summonses taken out ... ..	1
	25. Number of Convictions ... ..	1
Dairies and Cowsheds.	26. Number of Inspections ... ..	38
	27. Number of Contraventions remedied .	16
	28. Number of Statutory Notices served ... ..	1
	29. Number of Convictions ... ..	-
Clerical Work.	30. Number of Letters, Notices and Reports ..	856

A. H. BRAIN.







ANNUAL REPORTS

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MEDICAL OFFICER of HEALTH

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to the

KINGSWOOD

URBAN DISTRICT COUNCIL

for the

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